This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

BLACK BORDERS

IMAGE CUT OFF AT TOP, BOTTOM OR SIDES

FADED TEXT OR DRAWING

BLURRED OR ILLEGIBLE TEXT OR DRAWING

SKEWED/SLANTED IMAGES

COLOR OR BLACK AND WHITE PHOTOGRAPHS

GRAY SCALE DOCUMENTS

LINES OR MARKS ON ORIGINAL DOCUMENT

REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

☐ OTHER: ____

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

	Documen t ID	Issue Date	Title	Current OR	Inventor
1	US 20010034 733 A1	20011025	System and method for providing access to databases via directories and other hierarchical structures and interfaces	707/102	Prompt, Michel et al.
2	US 6697818 B2	20040224	Methods and apparatus for constructing and implementing a universal extension module for processing objects in a	707/103R	Li, Chung-Sheng et al.
3	US 6360214 B1	20020319	Automatic database statistics creation	707/2	Ellis, Nigel R. et al.
4	US 5832496 A	19981103	System and method for performing intelligent analysis of a computer database	707/102	Anand, Tejwansh S. et al.
5	US 6584459 B1	20030624	Database extender for storing, querying, and retrieving structured	707/3	Chang, Daniel T. et al.
6	US 5822750 A	19981013	Optimization of correlated SQL queries in a relational database management system	707/2	Jou, Michelle M. et al.
7	US 5692181 A	19971125	System and method for generating reports from a computer database	707/102	Anand, Tejwansh S. et al.
8	US 6421656 B1	20020716	Method and apparatus for creating structure indexes for a data base extender	707/2	Cheng, Josephine M. et al.
9	US 6366934 B1	20020402	Method and apparatus for querying structured documents using a database	715/513	Cheng, Josephine M. et al.

	Documen t ID	Issue Date	Title	Current OR	Inventor
5	US 6584459 B1	20030624	Database extender for storing, querying, and retrieving structured	707/3	Chang, Daniel T. et al.

L Number	Hits	Search Text	DB	Time stamp
-	15475	database with format	USPAT;	2004/07/28 14:46
			US-PGPUB;	
			EPO; JPO;	
		·	DERWENT;	
	10000		IBM_TDB	
-	49932	load\$5 same module	USPAT;	2004/07/28 14:46
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	13130	database with (vml sal dtd html saml markun)	IBM_TDB	2004/07/20 14:40
-	13130	database with (xml sql dtd html sgml markup)	USPAT; US-PGPUB;	2004/07/28 14:48
			EPO; JPO;	
			DERWENT;	
i			IBM TDB	
_	8	("6697818" "6360214" "6539378" "5832496").PN.	USPAT;	2004/07/28 14:50
	J	(0007010 0000214 0000070 0002400).114.	US-PGPUB;	2004/01/20 14.50
			EPO; JPO;	
-			DERWENT;	
			IBM TDB	
- 1	440	(database with format) and (load\$5 same module) and	USPAT;	2004/07/28 14:50
		(database with (xml sql dtd html sqml markup))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
j			IBM_TDB	
-	5827	(707/2,3,4).CCLS.	USPAT;	2004/07/28 14:53
			US-PGPUB	
-	1095	((707/2,3,4).CCLS.) and (database with format)	USPAT;	2004/07/28 14:54
			US-PGPUB	
-	342	((707/2,3,4).CCLS.) and (load\$5 same module)	USPAT;	2004/07/28 14:54
-	4705	(/707/0.0.4) 0.01.0.)	US-PGPUB	
-	1735	((707/2,3,4).CCLS.) and (database with (xml sql dtd html sgml	USPAT;	2004/07/28 14:54
	36	markup))	US-PGPUB	0004/07/00 44 54
-	36	(((707/2,3,4).CCLS.) and (database with format)) and (USPAT;	2004/07/28 14:54
		((707/2,3,4).CCLS.) and (load\$5 same module)) and (((707/2,3,4).CCLS.) and (database with (xml sql dtd html sgml	US-PGPUB	
		markup)))		
_	36	((database with format) and (load\$5 same module) and	USPAT;	2004/07/28 15:02
	00	(database with (xml sql dtd html sgml markup))) and ((US-PGPUB	2004/01/20 13.02
		((707/2,3,4).CCLS.) and (database with format)) and (00-1 01 00	
		((707/2,3,4).CCLS.) and (load\$5 same module)) and (
		((707/2,3,4).CCLS.) and (database with (xml sql dtd html sgml		
		markup))))		
-	36	((database with format) and (load\$5 same module) and	USPAT;	2004/07/28 15:27
		(database with (xml sql dtd html sgml markup))) and	US-PGPUB	
		((707/2.3.4).CCLS.)	- #: - #	

- 299	("6395889" "6292830" "6453333" "6721754" "6192370"	USPAT;	2004/07/28 15:28
	"6274361" "6303771" "6380370" "6436703" "5530848"	US-PGPUB	
	"5918232" "6014670" "6058394" "6065002" "6199062"		
	"6260050" "6317749" "6339775" "6438538" "5999971"		
	"6178439" "6385604" "6341286" "6356901" "6418450"		
	"6622152" "5345516" "5953727" "5966712" "5970500"		
	"5978804" "5991729" "6189013" "6287254" "6317700"		
	"6363399" "6385544" "6537213" "6730023" "6742004"		
	"5895461" "5701451" "5710918" "5721908" "5745754"		
ļ	"5752246" "5754772" "5761663" "5761673" "5781900").pn.		
:	("5793964" "5815830" "5878419" "5886693" "5963949"		
	"5974441" "6092074" "6092063" "6094655" "6094649"		
	"6115712" "6145119" "6185608" "6199111" "6212673"		1
	"6212673" "6233600" "6239797" "6308171" "6317594"		
	"6324681" "6332135" "6336105" "6338050" "6397217"		
	"6397219" "6418446" "6418448" "6449620" "6466940"		
	"6604135" "6636845" "6643633" "6768982" "5995959"		
	"5335346" "5809212" "6076088" "5448727" "5634051"		
	"6263335" "6282281" "6466570" "6421613" "6429302"		
	"6138121" "6311194" "6449657" "6125383" "5307481").pn.		
	("5379418" "6178418" "6205451" "6249784" "6327587"		
	"5606693" "5668986" "5794246" "5848405" "5873102"		
	"5890167" "5987454" "6003039" "6032158" "6108669"		
	"6122628" "6128624" "6134541" "6141658" "6151601"		
	"6154766" "6167405" "6173310" "6256676" "6269393"		
·	"6308168" "6363353" "6363391" "6363393" "6370139"		
	"6377934" "6408292" "6411961" "6434544" "6438547"		
	"6470333" "6509828" "6567796" "6567814" "6574742"		
	"6668253" "6718335" "6763353" "6333051" "6507788"		
	"5848424" "5933832" "6279006" "6366934" "6421656").pn.		
	("6453310" "6519597" "6581062" "6584459" "6618727"		
	"6721727" "6735594" "5432930" "5542078" "5850631"		
	"6163781" "6420127" "6721762" "5835912" "5842213"		
	"5442782" "4931928" "5197005" "5418965" "5487141"		
	"5588044" "5596744" "5634053" "5651108" "5737736"		1
	"5819264" "5899990" "5940824" "5995960" "6014138"		.
	"6018742" "6112210" "4774661" "4814971" "4853842"		
	"5008786" "5379423" "5495604" "5574908" "5590322"		
	"5592668" "5623417" "5715368" "5740421" "5778387"		
	"5826076" "5845278" "5894311" "5903887" "5940289").pn.		
İ	("6006224" "6026410" "6029171" "6035298" "6134549"		
	"6199195" "6209029" "6278992" "6282539" "6411969"		
	"4498145" "4774655" "4905163" "4939689" H000958		
	"5202982" "5261093" "5263167" "5265246" "5278978"		
	"5291583" "5295256" "5297279" "5414838" "5416917"		
	"5418943" "5418950" "5418951" "5421008" "5440481"		
	"5446858" "5450581" "5450596" "5455945" "5471613"		
	"5487135" "5490243" "5495602" "5499368" "5515531"		
	"5519859" "5537590" "5537589" "5544357" "5544355"		
	"5544320" "5544298" "5546526" "5550971" "5555403").pn.		
	("5559933" "5564113" "5566332" "5566333" "5577239"		
	"5586175" "5590181" "5590325" "5600831" "5615251"		
	"5617514" "5630025" "5630125" "5633919" "5638430"		
	"5638523" "5664177" "5694593" "5696901" "5701461"		
	"5701453" "5701400" "5706495" "5710900" "5721899"		
	"5721900" "5721901" "5724525" "5727164" "5727197"		
	"5732258" "5734896" "5745749" "5752016" "5758345"		
	"5761661" "5761667" "5764973" "5765147" "5774692"	}	
	"5778357" "5778356" "5781896" "5787418" "5794235"	1	
	"5797136" "5797839" "5799156" "5799321" "5802361").pn.	1	

-	106	((707/2,3,4).CCLS.) and (("6395889" "6292830" "6453333"	USPAT;	2004/07/28 15:29
		"6721754" "6192370" "6274361" "6303771" "6380370"	US-PGPUB	
		"6436703" "5530848" "5918232" "6014670" "6058394"		101
		"6065002" "6199062" "6260050" "6317749" "6339775"		
		"6438538" "5999971" "6178439" "6385604" "6341286"		
		"6356901" "6418450" "6622152" "5345516" "5953727"		
		"5966712" "5970500" "5978804" "5991729" "6189013"		
		"6287254" "6317700" "6363399" "6385544" "6537213"		
		"6730023" "6742004" "5895461" "5701451" "5710918"		
		"5721908" "5745754" "5752246" "5754772" "5761663"		
		"5761673" "5781900").pn.		
		("5793964" "5815830" "5878419" "5886693" "5963949"		
		"5974441" "6092074" "6092063" "6094655" "6094649"		
		"6115712" "6145119" "6185608" "6199111" "6212673"		
		"6212673" "6233600" "6239797" "6308171" "6317594"		
	÷	"6324681" "6332135" "6336105" "6338050" "6397217"		8
		"6397219" "6418446" "6418448" "6449620" "6466940"		
İ		"6604135" "6636845" "6643633" "6768982" "5995959"		
		"5335346" "5809212" "6076088" "5448727" "5634051"		
		"6263335" "6282281" "6466570" "6421613" "6429302"		
		"6138121" "6311194" "6449657" "6125383" "5307481").pn.		
		("5379418" "6178418" "6205451" "6249784" "6327587"		
		"5606693" "5668986" "5794246" "5848405" "5873102"		
		"5890167" "5987454" "6003039" "6032158" "6108669"		
		"6122628" "6128624" "6134541" "6141658" "6151601"		
		"6154766" "6167405" "6173310" "6256676" "6269393"		
		"6308168" "6363353" "6363391" "6363393" "6370139"		
		"6377934" "6408292" "6411961" "6434544" "6438547"		
		"6470333" "6509828" "6567796" "6567814" "6574742"		
		"6668253" "6718335" "6763353" "6333051" "6507788"		
		"5848424" "5933832" "6279006" "6366934" "6421656").pn.		
		("6453310" "6519597" "6581062" "6584459" "6618727"		
		"6721727" "6735594" "5432930" "5542078" "5850631"		
		"6163781" "6420127" "6721762" "5835912" "5842213"		
`		"5442782" "4931928" "5197005" "5418965" "5487141"		
		"5588044" "5596744" "5634053" "5651108" "5737736"		
		"5819264" "5899990" "5940824" "5995960" "6014138"		
		"6018742" "6112210" "4774661" "4814971" "4853842"		
		"5008786" "5379423" "5495604" "5574908" "5590322"		
		"5592668" "5623417" "5715368" "5740421" "5778387"		
		"5826076" "5845278" "5894311" "5903887" "5940289").pn.		
		("6006224" "6026410" "6029171" "6035298" "6134549"		
		"6199195" "6209029" "6278992" "6282539" "6411969"		
		"4498145" "4774655" "4905163" "4939689" H000958		
		"5202982" "5261093" "5263167" "5265246" "5278978"		
		"5291583" "5295256" "5297279" "5414838" "5416917"		
		"5418943" "5418950" "5418951" "5421008" "5440481"		
		"5446858" "5450581" "5450596" "5455945" "5471613"		
		"5487135" "5490243" "5495602" "5499368" "5515531"		
		"5519859" "5537590" "5537589" "5544357" "5544355"		
		"5544320" "5544298" "5546526" "5550971" "5555403").pn.		
		("5559933" "5564113" "5566332" "5566333" "5577239"		
		"5586175" "5590181" "5590325" "5600831" "5615251"		
		"5617514" "5630025" "5630125" "5633919" "5638430"		
		"5638523" "5664177" "5694593" "5696901" "5701461"		
		"5701453" "5701400" "5706495" "5710900" "5721899"		
		"5721900" "5721901" "5724525" "5727164" "5727197"		
		"5732258" "5734896" "5745749" "5752016" "5758345"		
		"5761661" "5761667" "5764973" "5765147" "5774692"		
		"5778357" "5778356" "5781896" "5787418" "5794235"		
		"5797136" "5797839" "5799156" "5799321" "5802361").pn.		

	·			
-	4	(((707/2,3,4).CCLS.) and (("6395889" "6292830" "6453333"	USPAT;	2004/07/28 15:31
		"6721754" "6192370" "6274361" "6303771" "6380370"	US-PGPUB	
		"6436703" "5530848" "5918232" "6014670" "6058394"		
		"6065002" "6199062" "6260050" "6317749" "6339775"		
	ŀ	"6438538" "5999971" "6178439" "6385604" "6341286"		
]	"6356901" "6418450" "6622152" "5345516" "5953727"		
		"5966712" "5970500" "5978804" "5991729" "6189013"		
			1	
	1	"6287254" "6317700" "6363399" "6385544" "6537213"		
		"6730023" "6742004" "5895461" "5701451" "5710918"		
		"5721908" "5745754" "5752246" "5754772" "5761663"		
		"5761673" "5781900").pn.		
		("5793964" "5815830" "5878419" "5886693" "5963949"		
		"5974441" "6092074" "6092063" "6094655" "6094649"		
		"6115712" "6145119" "6185608" "6199111" "6212673"		
	<u> </u>	"6212673" "6233600" "6239797" "6308171" "6317594"		
		"6324681" "6332135" "6336105" "6338050" "6397217"	•	
		"6397219" "6418446" "6418448" "6449620" "6466940"	:	
		"6604135" "6636845" "6643633" "6768982" "5995959"		
		"5335346" "5809212" "6076088" "5448727" "5634051"		-
	.	"6263335" "6282281" "6466570" "6421613" "6429302"		
		"6138121" "6311194" "6449657" "6125383" "5307481").pn.		
		("5379418" "6178418" "6205451" "6249784" "6327587"		
		"5606693" "5668986" "5794246" "5848405" "5873102"		
		"5890167" "5987454" "6003039" "6032158" "6108669"		
		"6122628" "6128624" "6134541" "6141658" "6151601"		
İ		"6154766" "6167405" "6173310" "6256676" "6269393"		
		"6308168" "6363353" "6363391" "6363393" "6370139"		
		"6377934" "6408292" "6411961" "6434544" "6438547"		
		"6470333" "6509828" "6567796" "6567814" "6574742"		
		"6668253" "6718335" "6763353" "6333051" "6507788"		
		"5848424" "5933832" "6279006" "6366934" "6421656").pn.		
		("6453310" "6519597" "6581062" "6584459" "6618727"		
		"6721727" "6735594" "5432930" "5542078" "5850631"		
		"6163781" "6420127" "6721762" "5835912" "5842213"		
		"5442782" "4931928" "5197005" "5418965" "5487141"		
		"5588044" "5596744" "5634053" "5651108" "5737736"		
		"5819264" "5899990" "5940824" "5995960" "6014138"		
		"6018742" "6112210" "4774661" "4814971" "4853842"		
		"5008786" "5379423" "5495604" "5574908" "5590322"		
		"5592668" "5623417" "5715368" "5740421" "5778387"		
		"5826076" "5845278" "5894311" "5903887" "5940289").pn.		
		("6006224" "6026410" "6029171" "6035298" "6134549"		9
		"6199195" "6209029" "6278992" "6282539" "6411969"		
		"4498145" "4774655" "4905163" "4939689" H000958		
		"5202982" "5261093" "5263167" "5265246" "5278978"		
		"5291583" "5295256" "5297279" "5414838" "5416917"		
	-	"5418943" "5418950" "5418951" "5421008" "5440481"		
		"5446858" "5450581" "5450596" "5455945" "5471613"		
		"5487135" "5490243" "5495602" "5499368" "5515531"		
		"5519859" "5537590" "5537589" "5544357" "5544355"		,
		"5544320" "5544298" "5546526" "5550971" "5555403").pn.		
		("5559933" "5564113" "5566332" "5566333" "5577239"		
		"5586175" "5590181" "5590325" "5600831" "5615251"		
		"5617514" "5630025" "5630125" "5633919" "5638430"		
		"5638523" "5664177" "5694593" "5696901" "5701461"		
		"5701453" "5701400" "5706495" "5710900" "5721899"		
		"5721900" "5721901" "5724525" "5727164" "5727197"		
		"5732258" "5734896" "5745749" "5752016" "5758345"		
		"5761661" "5761667" "5764973" "5765147" "5774692"		
		"5778357" "5778356" "5781896" "5787418" "5794235"		
	- 1	"5797136" "5797839" "5799156" "5799321" "5802361").pn.		
)) and ((database with format) and (load\$5 same module) and		
		(database with (xml sql dtd html sgml markup)))		
·	·		I	· · · · · · · · · · · · · · · · · · ·

•	61	(((707/2,3,4).CCLS.) and (("6395889" "6292830" "6453333"	USPAT;	2004/07/28 15:31
		"6721754" "6192370" "6274361" "6303771" "6380370"	US-PGPUB	
	1	"6436703" "5530848" "5918232" "6014670" "6058394"		
		"6065002" "6199062" "6260050" "6317749" "6339775"		
		"6438538" "5999971" "6178439" "6385604" "6341286"		
		"6356901" "6418450" "6622152" "5345516" "5953727"		
		"5966712" "5970500" "5978804" "5991729" "6189013"		
		"6287254" "6317700" "6363399" "6385544" "6537213"		
		"6730023" "6742004" "5895461" "5701451" "5710918"		
		"5721908" "5745754" "5752246" "5754772" "5761663"		
		"5761673" "5781900").pn.		
		("5793964" "5815830" "5878419" "5886693" "5963949"		
		"5974441" "6092074" "6092063" "6094655" "6094649"		
		"6115712" "6145119" "6185608" "6199111" "6212673"		
		"6212673" "6233600" "6239797" "6308171" "6317594"		
		"6324681" "6332135" "6336105" "6338050" "6397217"		
		"6397219" "6418446" "6418448" "6449620" "6466940"		
		"6604135" "6636845" "6643633" "6768982" "5995959"		
		"5335346" "5809212" "6076088" "5448727" "5634051"		
		"6263335" "6282281" "6466570" "6421613" "6429302"		
		"6138121" "6311194" "6449657" "6125383" "5307481").pn.		
		("5379418" "6178418" "6205451" "6249784" "6327587"		
		"5606693" "5668986" "5794246" "5848405" "5873102"		
		"5890167" "5987454" "6003039" "6032158" "6108669"		
		"6122628" "6128624" "6134541" "6141658" "6151601"		·
		"6154766" "6167405" "6173310" "6256676" "6269393"		
	,	"6308168" "6363353" "6363391" "6363393" "6370139"		
		"6377934" "6408292" "6411961" "6434544" "6438547"		
		"6470333" "6509828" "6567796" "6567814" "6574742"		
	1	"6668253" "6718335" "6763353" "6333051" "6507788"		
		"5848424" "5933832" "6279006" "6366934" "6421656").pn.		
	1	("6453310" "6519597" "6581062" "6584459" "6618727"		
		"6721727" "6735594" "5432930" "5542078" "5850631"		
		"6163781" "6420127" "6721762" "5835912" "5842213"		
		"5442782" "4931928" "5197005" "5418965" "5487141"		
		"5588044" "5596744" "5634053" "5651108" "5737736"		
		"5819264" "5899990" "5940824" "5995960" "6014138"		
		"6018742" "6112210" "4774661" "4814971" "4853842"		
		"5008786" "5379423" "5495604" "5574908" "5590322"		
		"5592668" "5623417" "5715368" "5740421" "5778387"		
		"5826076" "5845278" "5894311" "5903887" "5940289").pn.		
		("6006224" "6026410" "6029171" "6035298" "6134549"		
		"6199195" "6209029" "6278992" "6282539" "6411969"		
		"4498145" "4774655" "4905163" "4939689" H000958		
		"5202982" "5261093" "5263167" "5265246" "5278978"		
]	"5291583" "5295256" "5297279" "5414838" "5416917"		
		"5418943" "5418950" "5418951" "5421008" "5440481"		
		"5446858" "5450581" "5450596" "5455945" "5471613"		
	1	"5487135" "5490243" "5495602" "5499368" "5515531"		
		"5519859" "5537590" "5537589" "5544357" "5544355"		
	1	"5544320" "5544298" "5546526" "5550971" "5555403").pn.		
		("5559933" "5564113" "5566332" "5566333" "5577239"		
	1			
		"5586175" "5590181" "5590325" "5600831" "5615251" "5647544" "5630035" "5630135" "5633010" "5633430"		
		"5617514" "5630025" "5630125" "5633919" "5638430"		
		"5638523" "5664177" "5694593" "5696901" "5701461"		
	.	"5701453" "5701400" "5706495" "5710900" "5721899"		
		"5721900" "5721901" "5724525" "5727164" "5727197"		
		"5732258" "5734896" "5745749" "5752016" "5758345"		
		"5761661" "5761667" "5764973" "5765147" "5774692"		
	'	"5778357" "5778356" "5781896" "5787418" "5794235"		
		"5797136" "5797839" "5799156" "5799321" "5802361").pn.		
)) and convert\$4		

-	3	((((707/2,3,4).CCLS.) and (("6395889" "6292830" "6453333"	USPAT;	2004/07/28 15:33
		"6721754" "6192370" "6274361" "6303771" "6380370"	US-PGPUB	
		"6436703" "5530848" "5918232" "6014670" "6058394"		
		"6065002" "6199062" "6260050" "6317749" "6339775"		
		"6438538" "5999971" "6178439" "6385604" "6341286" "6356001" "6418450" "6622452" "5245516" "5052727"		
		"6356901" "6418450" "6622152" "5345516" "5953727" "5966712" "5970500" "5978804" "5991729" "6189013"		
		"6287254" "6317700" "6363399" "6385544" "6537213"		
		"6730023" "6742004" "5895461" "5701451" "5710918"		
		"5721908" "5745754" "5752246" "5754772" "5761663"		
		"5761673" "5781900").pn.		
		("5793964" "5815830" "5878419" "5886693" "5963949"		
		"5974441" "6092074" "6092063" "6094655" "6094649"		
		"6115712" "6145119" "6185608" "6199111" "6212673"		
		"6212673" "6233600" "6239797" "6308171" "6317594"		
		"6324681" "6332135" "6336105" "6338050" "6397217"		
		"6397219" "6418446" "6418448" "6449620" "6466940"		
		"6604135" "6636845" "6643633" "6768982" "5995959"		
1		"5335346" "5809212" "6076088" "5448727" "5634051"		
		"6263335" "6282281" "6466570" "6421613" "6429302"		
		"6138121" "6311194" "6449657" "6125383" "5307481").pn.		
		("5379418" "6178418" "6205451" "6249784" "6327587"		
		"5606693" "5668986" "5794246" "5848405" "5873102"		
		"5890167" "5987454" "6003039" "6032158" "6108669"		*
		"6122628" "6128624" "6134541" "6141658" "6151601"		,
		"6154766" "6167405" "6173310" "6256676" "6269393"		
		"6308168" "6363353" "6363391" "6363393" "6370139"		
		"6377934" "6408292" "6411961" "6434544" "6438547"		
		"6470333" "6509828" "6567796" "6567814" "6574742"		
		"6668253" "6718335" "6763353" "6333051" "6507788"		
		"5848424" "5933832" "6279006" "6366934" "6421656").pn. ("6453310" "6519597" "6581062" "6584459" "6618727"		
		(6453310		·Y·
		"6163781" "6420127" "6721762" "5835912" "5842213"		
		"5442782" "4931928" "5197005" "5418965" "5487141"		
		"5588044" "5596744" "5634053" "5651108" "5737736"		
		"5819264" "5899990" "5940824" "5995960" "6014138"		
		"6018742" "6112210" "4774661" "4814971" "4853842"		
		"5008786" "5379423" "5495604" "5574908" "5590322"		
		"5592668" "5623417" "5715368" "5740421" "5778387"		
		"5826076" "5845278" "5894311" "5903887" "5940289").pn.		
		("6006224" "6026410" "6029171" "6035298" "6134549 [°]		
		"6199195" "6209029" "6278992" "6282539" "6411969"		
		"4498145" "4774655" "4905163" "4939689" H000958		
		"5202982" "5261093" "5263167" "5265246" "5278978"		
		"5291583" "5295256" "5297279" "5414838" "5416917"		
		"5418943" "5418950" "5418951" "5421008" "5440481"		
		"5446858" "5450581" "5450596" "5455945" "5471613"		
		"5487135" "5490243" "5495602" "5499368" "5515531"		
		"5519859" "5537590" "5537589" "5544357" "5544355"		
		"5544320" "5544298" "5546526" "5550971" "5555403").pn.		
		("5559933" "5564113" "5566332" "5566333" "5577239"		
		"5586175" "5590181" "5590325" "5600831" "5615251"	1	
		"5617514" "5630025" "5630125" "5633919" "5638430"		
		"5638523" "5664177" "5694593" "5696901" "5701461" "5701453" "5701400" "5706495" "5710900" "5721800"		
		"5701453" "5701400" "5706495" "5710900" "5721899" "5721900" "5721901" "5724525" "5727164" "5727197"		
		"5721900" "5721901" "5724525" 5727164" "5727197"		
		"5761661" "5761667" "5764973" "5765147" "5774692"		
-		"5778357" "5778356" "5781896" "5787418" "5794235"		
		"5797136" "5797839" "5799156" "5799321" "5802361").pn.		
)) and convert\$4) and (xml with dtd)		
_	0	09324827.pn.	USPAT;	2004/07/28 15:53
		000E 10E1 .pm	US-PGPUB	2007/01/20 10:03
_	0	636934.pn.	USPAT:	2004/07/28 15:53
		- 00000F	US-PGPUB	230 1/07/20 10:00
-	1	0636934.pn.	USPAT;	2004/07/28 15:54
	,	' ·	US-PGPUB	22 2120 10.01
		3:16:36 PM Page 6		

-	0	06366934.pn.	USPAT;	2004/07/28 15:54
			US-PGPUB	
-	1	6366934.pn.	USPAT;	2004/07/28 15:54
			US-PGPUB	

09938712 CLS

Most Frequently Occurring Classifications of Patents Returned From A Search of 09938712 on July 27, 2004

```
707/4
     707/2
 24
 23
    707/3
 20
    707/10
 17
    707/102
    707/101
    707/104.1
 13
  9
    707/1
  9
    707/5
  8
     707/103R
  6
    707/100
  6
    707/204
  5
    600/300
  5
    707/6
  4
    379/114.14
  4
    709/201
  3
    705/80
  3
    706/45
  3
    707/202
  3
    707/9
  3
    709/202
  3
    709/203
  2
    345/764
  2
    705/10
  2
    706/46
  2
    707/201
  2
    707/203
  2
    707/7
  2
    709/200
  2
    714/11
  2
     715/501.1
  2
    717/100
     717/137
Cross-Reference Classifications
 36 707/3
 32
    707/10
 30
    707/102
 29
    707/4
21
    707/100
20 707/1
20
    707/104.1
```

17

707/101

Original Classifications

09938712_CLS

```
17 707/2
```

- 16 709/203
- 12 707/5
- 10 707/200
- 10 709/217
- 9 707/6
- 9 709/219
- 9 715/513
- 8 709/202
- 7 707/201
- 6 435/6
- 6 707/103R
- 6 707/202
- 6 709/201
- 6 709/218
- 6 709/229
- 5 345/968
- 5 705/2
- 5 705/26
- 5 706/45
- 5 707/203
- 4 345/781
- 4 435/320.1
- 4 536/23.1
- 4 707/204
- 4 707/205
- 4 707/9
- 4 709/223
- 4 717/114
- 3 128/920
- 3 345/733
- 3 345/810
- 3 345/835
- 3 345/853
- 3 379/114.15
- 3 379/114.17
- 3 379/114.19
- 3 379/267
- 3 702/19
- 3 705/1
- 3 705/10
- 3 706/11
- 3 707/7
- 3 707/8
- 3 709/224
- 3 715/500
- 3 719/310
- 3 719/315

09938712 CLS

- 345/700 2
- 2 345/762
- 2、 345/764
- 2 345/804
- 2 379/900
- 2 379/91.01
- 2 435/252.3
- 2 514/2
- 536/23.5 2
- 2 702/20
- 2 702/27
- 2 704/270.1
- 2 704/7
- 2 704/9
- 2 705/3
- 2 706/46
- 2 706/55
- 2 709/200
- 2 709/246
- 2 709/248
- 2 711/161
- 714/20
- 2 715/501.1
- 2 715/509
- 2 717/141
- 2 719/328

Combined Classifications

- 59 707/3
- 56 707/4
- 52 707/10
- 47 707/102
- 41 707/2
- 33 707/104.1
- 31 707/101
- 29 707/1
- 27 707/100
- 21 707/5
- 19 709/203
- 14 707/103R
- 14 707/6
- 11 707/200
- 11 709/202
- 11 709/217
- 10 707/204
- 10 709/201
- 10 709/219
- 10 715/513

09938712 CLS

- 707/201
- 9 707/202
- 8 706/45
- 7 707/203
- 7 707/9
- 7 709/218
- 6 435/6
- 6 709/229
- 5 345/968
- 5 5 379/114.14
- 536/23.1
- 5 600/300
- 5 705/10
- 5 705/2
- 5 705/26
- 5 707/7
- 4 345/764
- 4 345/781
- 4 435/320.1
- 702/19
- 4 706/46
- 4 707/205
- 4 709/200
- 4 709/223
- 4 709/224
- 4 715/501.1
- 4 717/114
- 3 128/920
- 3
- 345/700 3 345/733
- 3 345/804
- 3 345/810
- 3 345/835
- 3 345/853
- 3 379/114.15
- 3 379/114.17
- 3
- 379/114.19
- 3 379/267
- 3 536/23.5
- 3 702/20
- 3 705/1
- 3 705/3
- 3 705/80
- 3 706/11
- 3 706/55
- 3 707/8
- 3 709/246
- 715/500

09938712_CLS

- 719/310
- 3 719/315
- 2 345/762
- 2 345/763
- 370/352
- 2 379/900
- 2 379/91.01
- 2 435/252.3
- 435/325
- 514/2
- 536/23.2
- 2 2 2 2 700/2
- 2 702/27
- 704/270.1
- 704/7
- 2 2 2 2 704/9
- 705/28
- 2 707/206
- 2 709/227
- 2 709/248
- 2 711/161
- 2 711/162
- 2 711/163
- 2 714/11
- 2 714/20
- 2 715/505
- 2 715/509
- 2 717/100 2
- 717/137 2
- 717/141 719/328